

REMARKS

By way of the foregoing amendments to the claims, Claims 3-15 and 18-26 have been amended to delete the multiple dependencies. These changes have been made in accordance with 37 C.F.R. § 1.121 as amended on November 7, 2000. Marked-up versions of Claims 3-15 and 18-26 indicating the changes accompany this Preliminary Amendment.

Early and favorable consideration with respect to this application is respectfully requested.

Should any questions arise in connection with this application, the undersigned respectfully requests that he be contacted at the number indicated below.

Respectfully submitted,
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Marked-up Claims 3-15 and 18-26

3. (Amended) A method according to Claim 1 [or 2], wherein the said weld metal comprises at least 0.3% manganese.
4. (Amended) A method according to [any preceding claim] Claim 1, wherein the said weld metal comprises 0.005% or less sulphur.
5. (Amended) A method according to [any preceding claim] Claim 1, wherein the said weld metal comprises at least 1.7% tungsten.
6. (Amended) A method according to [any preceding claim] Claim 1, wherein the said weld metal comprises at least 0.04% niobium.
7. (Amended) A method according to [any preceding claim] Claim 1, wherein the said weld metal comprises 0.02% or less nitrogen.
8. (Amended) A method according to [any preceding claim] Claim 1, wherein the said weld metal further comprises 0.5% or less nickel.
9. (Amended) A method according to [any preceding claim] Claim 1, wherein the said weld metal comprises substantially 0.075% carbon, 0.2% silicon, 0.5% manganese, 0.001% sulphur, 0.017% phosphorous, 2.2% chromium, 0.1% molybdenum, 0.1% nickel, 0.23% vanadium, 0.06% niobium, 0.05% titanium, 1.9% tungsten, 0.009% nitrogen, 0.003% boron and 0.02% aluminium.
10. (Amended) A method according to [any preceding claim] Claim 1, wherein the rotor element is formed from steel which comprises from 0.15 to 0.35% carbon, from 0 to 0.3% silicon, from 0.2 to 1% manganese, from 0 to 0.03% sulphur, from 0 to 0.03% phosphorous, from 0.3

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to 1% nickel, from 0.7 to 1.50% chromium, from 0.5 to 1.2 % molybdenum, and from 0.2 to 0.4% vanadium.

11. (Amended) A method according to [any preceding claim] Claim 1, wherein the rotor element is formed from steel comprising substantially 0.25% carbon, 0.23% silicon, 0.64% manganese, 0.005% sulphur, 0.01% phosphorous, 0.56% nickel, 0.8% chromium, 0.78% molybdenum, and 0.35% vanadium.

12. (Amended) A method according to [any preceding claim] Claim 1, comprising providing a second rotor element having a composition substantially the same as the said rotor element and welding the said second rotor element to the said rotor element using the said weld metal.

13. (Amended) A method according to [any preceding claim] Claim 1, wherein the said welding process is a submerged-arc welding process.

14. (Amended) A method according to [any preceding claim] Claim 1, wherein the said method comprises a step of machining a rotor component to form at least one of the said rotor elements.

15. (Amended) A method according to [any preceding claim] Claim 1, comprising a step of machining the said weld metal after the weld has been formed.

18. (Amended) A rotor according to Claim 16 [or 17], wherein the said weld metal comprises at least 0.3% manganese.

19. (Amended) A rotor according to [any of Claims 16 to 18] Claim 16, wherein the said weld metal comprises 0.005% or less sulphur.

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20. (Amended) A rotor according to [any of Claims 16 to 19] Claim 16, wherein the said weld metal comprises at least 1.7% tungsten.

21. (Amended) A rotor according to [any of Claims 16 to 20] Claim 16, wherein the said weld metal comprises at least 0.04% niobium.

22. (Amended) A rotor according to [any of Claims 16 to 21] Claim 16, wherein the said weld metal comprises 0.02% or less nitrogen.

23. (Amended) A rotor according to [any of Claims 16 to 22] Claim 16, wherein the said weld metal further comprises 0.5% or less nickel.

24. (Amended) A rotor according to [any of Claims 16 to 23] Claim 16, wherein the said weld metal comprises substantially 0.075% carbon, 0.2% silicon, 0.5% manganese, 0.001% sulphur, 0.017% phosphorous, 2.2% chromium, 0.1% molybdenum, 0.1% nickel, 0.23% vanadium, 0.06% niobium, 0.05% titanium, 1.9% tungsten, 0.009% nitrogen, 0.003% boron and 0.02% aluminium.

25. (Amended) A rotor according to [any of Claims 16 to 24] Claim 16, wherein the rotor element is formed from steel which comprises from 0.15 to 0.35% carbon, from 0 to 0.3% silicon, from 0.2 to 1% manganese, from 0 to 0.03% sulphur, from 0 to 0.03% phosphorous, from 0.3 to 1% nickel, from 0.7 to 1.50% chromium, from 0.5 to 1.2 % molybdenum, and from 0.2 to 0.4% vanadium.

26. (Amended) A rotor according to [any of Claims 16 to 25] Claim 16, wherein the rotor element is formed from steel comprising substantially 0.25% carbon, 0.23% silicon, 0.64%

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manganese, 0.005% sulphur, 0.01% phosphorous, 0.56% nickel, 0.8% chromium, 0.78% molybdenum, and 0.35% vanadium.

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